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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
CHRISTOPHER A. RAGER) Group Art Unit 3725
)
Serial No. 10/601,219)
) Examiner David B. Jones
Filed: June 20, 2003)
)
For: APPARATUS AND METHOD FOR) Attorney Docket 1-24373
OPENING AND CLOSING)
STACKED HYDROFORMING DIES)

Commissioner For Patents
P.O. Box 1450
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INFORMATION DISCLOSURE STATEMENT

Honorable Sir:

Pursuant to 37 C.F.R. 1.97(b), record is hereby made of information which the Patent Office may wish to consider in connection with its examination of the above-identified application. Copies of such information, as well as a completed PTO-1449 form, are enclosed. No item of information contained herein was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the undersigned attorney after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement. A copy of the International Search Report is also enclosed.

Respectfully submitted,

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/017466

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B21D26/02 B30B7/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B21D B30B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1 104 688 A (DANA CORP) 6 June 2001 (2001-06-06)	1
A	paragraph '0014!; figures	6-11
Y	DE 27 23 848 A (DAIMLER BENZ AG) 7 December 1978 (1978-12-07)	1
	the whole document	
A	US 3 236 176 A (HERBERT FISCHER) 22 February 1966 (1966-02-22)	2
	the whole document	
A	JP 2001 150048 A (AMINO:KK) 5 June 2001 (2001-06-05)	3-5
	figure 12	
A	DE 195 25 085 A (DAIMLER BENZ AG) 16 January 1997 (1997-01-16)	2
	figures	

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

28 September 2004

05/10/2004

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/017466

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
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DE 2723848	A	07-12-1978	DE 2723848 A1	07-12-1978
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